

EXHIBIT III

COMPARISON OF CANCELED  
CLAIM 6 WITH PATENT  
CLAIMS

6. An apparatus according to claim 1,	CLAIM 1
wherein said converging means (Note: canceled claim 1 recites N converging means) comprises (1) objective lens and (2) aberration correcting means,	Claim 1 recites plural objective lenses but lacks an aberration correcting means.
wherein said apparatus comprises: (1) an optical head having	Claim 1 has plural optical heads.
(a) light emitting means,	Claim 1 has a light emitting means.
(b) said objective lens each for converging the light flux emitted from the light emitting means onto the optical disc (Note: this calls for plural objective lenses),	Claim 1 has objective lenses each for converging the light flux emitted from the light emitting means onto the optical disc.
(c) photo detecting means for detecting the reflected light from the optical disc,	Claim 1 has plural photo detecting means for detecting the reflected light from the optical disc.
(d) said N aberration correcting means, and	Claim 1 lacks this element.
(e) holding means	Claim 1 lacks this element.
(i) for holding said N aberration correcting means,	Claim 1 lacks this element.
(ii) for selecting one of the N aberration correcting means in accordance with a control signal and	Claim 1 lacks this element.
(iii) for moving onto an optical path between the light emitting means and the optical disc,	Claim 1 lacks this element.
(2) optical head moving means	Claim 1 recites N optical head moving means.
(a) which is arranged below the optical disc and	The N moving means are arranged below the optical disc.
(b) moves the optical head in the radial direction of the optical disc,	The N moving means move the N optical heads radially of the optical disc.
(3) disc discriminating means	Claim 1 recites this element.
(a) for discriminating the thickness of the disc substrate of the loaded optical disc and	Claim 1 recites this element.
(b) for generating the discrimination signal according to the result of the discrimination, and	Claim 1 recites this element.
(4) control means	Claim 1 recites a different control means.
(a) for generating the control signal to said holding means in accordance with the discrimination signal and	Claim 1 lacks this feature because its control means selects the optical head with the objective lens yielding the smallest aberration.
(b) for moving the aberration correcting means onto said optical path in which the occurrence of the aberration due to the disc substrate is smallest onto said optical path,	Claim 1 lacks this feature.
and wherein the optical head records, reproduces, or erases the information signal onto/from the optical disc by the light flux which has transmitted the selected aberration correcting means.	Claim 1 recites that the optical head records, reproduces, or erases the information signal onto/from the optical disc but lacks everything else of this wherein clause.

6. An apparatus according to claim 1,	CLAIM 7
wherein said converging means (Note: canceled claim 1 recites N converging means) comprises (1) objective lens and (2) aberration correcting means,	Claim 7 recites plural objective lenses but lacks an aberration correcting means.
wherein said apparatus comprises: (1) an optical head having	Claim 7 recites an optical head.
(a) light emitting means,	The optical head includes a light emitting means.
(b) said objective lens each for converging the light flux emitted from the light emitting means onto the optical disc (Note: this calls for plural objective lenses),	The optical head includes objective lenses.
(c) photo detecting means for detecting the reflected light from the optical disc,	The optical head includes plural photo detecting means.
(d) said N aberration correcting means, and	Claim 7 lacks an aberration correcting means.
(e) holding means	Claim 7 lacks this element.
(i) for holding said N aberration correcting means,	Claim 7 lacks this element.
(ii) for selecting one of the N aberration correcting means in accordance with a control signal and	Claim 7 lacks this element.
(iii) for moving onto an optical path between the light emitting means and the optical disc,	Claim 7 lacks this element.
(2) optical head moving means	Claim 7 recites this element.
(a) which is arranged below the optical disc and	Claim 7 recites this element.
(b) moves the optical head in the radial direction of the optical disc,	Claim 7 recites this element.
(3) disc discriminating means	Claim 7 recites this element.
(a) for discriminating the thickness of the disc substrate of the loaded optical disc and	Claim 7 recites this element.
(b) for generating the discrimination signal according to the result of the discrimination; and	Claim 7 recites this element.
(4) control means	Claim 7 recites a different control means.
(a) for generating the control signal to said holding means in accordance with the discrimination signal and	Claim 7 recites a control means but it allows the light emitting means belonging to the converging optical system having a smallest aberration to emit light.
(b) for moving the aberration correcting means onto said optical path in which the occurrence of the aberration due to the disc substrate is smallest onto said optical path,	Claim 7 lacks this feature.

and wherein the optical head records, reproduces, or erases the information signal onto/from the optical disc by the light flux which has transmitted the selected aberration correcting means.	Claim 7 recites that the optical head records, reproduces, or erases the information signal onto/from the optical disc but lacks everything else of this wherein clause.
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6. An apparatus according to claim 1,	CLAIM 10
wherein said converging means (Note: canceled claim 1 recites N converging means) comprises (1) objective lens and (2) aberration correcting means,	Claim 10 recites plural objective lenses but lacks an aberration correcting means.
wherein said apparatus comprises: (1) an optical head having	Claim 10 recites an optical head.
(a) light emitting means,	Claim 10 recites a light emitting means.
(b) said objective lens each for converging the light flux emitted from the light emitting means onto the optical disc (Note: this calls for plural objective lenses),	Claim 10 recites N objective lenses. Claim 10 also recites light flux dividing means and light flux selecting means.
(c) photo detecting means for detecting the reflected light from the optical disc,	Claim 10 recites a photo detecting means.
(d) said N aberration correcting means, and	Claim 10 lacks this element.
(e) holding means	Claim 10 lacks this element.
(i) for holding said N aberration correcting means,	Claim 10 lacks this element.
(ii) for selecting one of the N aberration correcting means in accordance with a control signal and	Claim 10 lacks this element.
(iii) for moving onto an optical path between the light emitting means and the optical disc;	Claim 10 lacks this element.
(2) optical head moving means	Claim 10 recites this element.
(a) which is arranged below the optical disc and	Claim 10 recites this element.
(b) moves the optical head in the radial direction of the optical disc;	Claim 10 recites this element.
(3) disc discriminating means	Claim 10 recites this element.
(a) for discriminating the thickness of the disc substrate of the loaded optical disc and	Claim 10 recites this element.
(b) for generating the discrimination signal according to the result of the discrimination; and	Claim 10 recites this element.
(4) control means	Claim 10 recites a different control means.
(a) for generating the control signal to said holding means in accordance with the discrimination signal and	Claim 10 recites a control means that generates a control signal to the selecting means and selects the light flux which passes through the objective lens having the smallest aberration.

(b) for moving the aberration correcting means onto said optical path in which the occurrence of the aberration due to the disc substrate is smallest onto said optical path,	Claim 10 lacks this feature.
and wherein the optical head records, reproduces, or erases the information signal onto/from the optical disc by the light flux which has transmitted the selected aberration correcting means.	Claim 10 recites that the optical head records, reproduces, or erases the information signal onto/from the optical disc but lacks everything else of this wherein clause.

6. An apparatus according to claim 1,	CLAIM 13
wherein said converging means (Note: canceled claim 1 recites N converging means) comprises (1) objective lens and (2) aberration correcting means,	Claim 13 recites plural converging grating couplers instead of objective lenses and lacks an aberration correcting means.
wherein said apparatus comprises:	Claim 13 recites an optical head including an optical waveguide.
(1) an optical head having	Claim 13 recites N light emitting means.
(a) light emitting means,	Claim 13 recites N converging grating couplers whose aberrations have respectively been corrected.
(b) said objective lens each for converging the light flux emitted from the light emitting means onto the optical disc (Note: this calls for plural objective lenses),	Claim 13 recites N photo detectors.
(c) photo detecting means for detecting the reflected light from the optical disc,	Claim 13 lacks this element.
(d) said N aberration correcting means, and	Claim 13 lacks this element.
(e) holding means	Claim 13 lacks this element.
(i) for holding said N aberration correcting means,	Claim 13 lacks this element.
(ii) for selecting one of the N aberration correcting means in accordance with a control signal and	Claim 13 lacks this element.
(iii) for moving onto an optical path between the light emitting means and the optical disc,	Claim 13 lacks this element.
(2) optical head moving means	Claim 13 recites this element.
(a) which is arranged below the optical disc and	Claim 13 recites this element.
(b) moves the optical head in the radial direction of the optical disc,	Claim 13 recites this element.
(3) disc discriminating means	Claim 13 recites this element.
(a) for discriminating the thickness of the disc substrate of the loaded optical disc and	Claim 13 recites this element.
(b) for generating the discrimination signal according to the result of the discrimination, and	Claim 13 recites this element.

(4) control means	Claim 13 recites a different control means. Claim 13 recites a selecting means for selecting one of the N light emitting means.
(a) for generating the control signal to said holding means in accordance with the discrimination signal and	The control means generates a control signal to the selecting means to enable one of the light emitting means to emit waveguide light to the converging grating coupler with the smallest aberration.
(b) for moving the aberration correcting means onto said optical path in which the occurrence of the aberration due to the disc substrate is smallest onto said optical path,	Claim 13 lacks this feature.
and wherein the optical head records, reproduces, or erases the information signal onto/from the optical disc by the light flux which has transmitted the selected aberration correcting means.	Claim 13 recites that the optical head records, reproduces, or erases the information signal onto/from the optical disc but lacks everything else of this wherein clause.

6. An apparatus according to claim 1,	CLAIM 16
wherein said converging means (Note: canceled claim 1 recites N converging means) comprises (1) objective lens and (2) aberration correcting means,	Claim 16 recites plural converging grating couplers instead of objective lenses and lacks an aberration correcting means.
wherein said apparatus comprises: (1) an optical head having	Claim 16 recites an optical head including an optical waveguide. Claim 16 also recites light flux dividing means.
(a) light emitting means,	Claim 16 recites light emitting means.
(b) said objective lens each for converging the light flux emitted from the light emitting means onto the optical disc (Note: this calls for plural objective lenses),	Claim 16 recites N converging grating couplers whose aberrations have respectively been corrected.
(c) photo detecting means for detecting the reflected light from the optical disc,	Claim 16 recites N photo detecting means.
(d) said N aberration correcting means, and	Claim 16 lacks this element.
(e) holding means	Claim 16 lacks this element.
(i) for holding said N aberration correcting means,	Claim 16 lacks this element.
(ii) for selecting one of the N aberration correcting means in accordance with a control signal and	Claim 16 lacks this element.
(iii) for moving onto an optical path between the light emitting means and the optical disc,	Claim 16 lacks this element.
(2) optical head moving means	Claim 16 recites this element.
(a) which is arranged below the optical disc and	Claim 16 recites this element.
(b) moves the optical head in the radial direction of the optical disc,	Claim 16 recites this element.

(3) disc discriminating means	Claim 16 recites this element.
(a) for discriminating the thickness of the disc substrate of the loaded optical disc and	Claim 16 recites this element.
(b) for generating the discrimination signal according to the result of the discrimination; and	Claim 16 recites this element.
(4) control means	Claim 16 recites a different control means. Claim 16 also recites an output switching means for selecting and outputting an output signal of one of the N photo detecting means.
(a) for generating the control signal to said holding means in accordance with the discrimination signal and	The control means generates a control signal to the output switching means and selects the photo detecting means receiving light from the converging grating coupler with the smallest aberration.
(b) for moving the aberration correcting means onto said optical path in which the occurrence of the aberration due to the disc substrate is smallest onto said optical path,	Claim 16 lacks this feature.
and wherein the optical head records, reproduces, or erases the information signal onto/from the optical disc by the light flux which has transmitted the selected aberration correcting means.	Claim 16 recites that the optical head records, reproduces, or erases the information signal onto/from the optical disc but lacks everything else of this wherein clause.

6. An apparatus according to claim 1,	CLAIM 19
wherein said converging means (Note: canceled claim 1 recites N converging means) comprises (1) objective lens and (2) aberration correcting means,	Claim 19 recites plural converging grating couplers instead of objective lenses and lacks an aberration correcting means.
wherein said apparatus comprises: (1) an optical head having	Claim 19 recites an optical head including an optical waveguide and an optical path switching means.
(a) light emitting means,	Claim 19 recites a light emitting means.
(b) said objective lens each for converging the light flux emitted from the light emitting means onto the optical disc (Note: this calls for plural objective lenses),	Claim 19 recites N converging grating couplers whose aberrations have respectively been corrected.
(c) photo detecting means for detecting the reflected light from the optical disc,	Claim 19 recites a photo detecting means.
(d) said N aberration correcting means, and	Claim 19 lacks this element.
(e) holding means	Claim 19 lacks this element.
(i) for holding said N aberration correcting means,	Claim 19 lacks this element.
(ii) for selecting one of the N aberration correcting means in accordance with a control signal and	Claim 19 lacks this element.
(iii) for moving onto an optical path between the light emitting means and the optical disc,	Claim 19 lacks this element.
(2) optical head moving means	Claim 19 recites this element.

(a) which is arranged below the optical disc and	Claim 19 recites this element.
(b) moves the optical head in the radial direction of the optical disc;	Claim 19 recites this element.
(3) disc discriminating means	Claim 19 recites this element.
(a) for discriminating the thickness of the disc substrate of the loaded optical disc and	Claim 19 recites this element.
(b) for generating the discrimination signal according to the result of the discrimination; and	Claim 19 recites this element.
(4) control means	Claim 19 recites a different control means.
(a) for generating the control signal to said holding means in accordance with the discrimination signal and	The control means generates a control signal to the switching means and switches the propagation direction of the waveguide light to the converging grating coupler with the smallest aberration.
(b) for moving the aberration correcting means onto said optical path in which the occurrence of the aberration due to the disc substrate is smallest onto said optical path,	Claim 19 lacks this feature.
and wherein the optical head records, reproduces, or erases the information signal onto/from the optical disc by the light flux which has transmitted the selected aberration correcting means.	Claim 19 recites that the optical head records, reproduces, or erases the information signal onto/from the optical disc but lacks everything else of this wherein clause.